

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
10 February 2005 (10.02.2005)

PCT

(10) International Publication Number
WO 2005/012198 A1

(51) International Patent Classification⁷: C03C 1/00,
3/091, C03B 5/225

(21) International Application Number:

PCT/JP2004/011403

(22) International Filing Date: 3 August 2004 (03.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003-205812 4 August 2003 (04.08.2003) JP

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2005/012198 A1

(54) Title: ALKALI-FREE GLASS

(57) Abstract: A subject for the invention is to provide an alkali-free glass which is capable of reducing or totally eliminating As₂O₃ and which has fewer bubble inclusion than that in the prior technology. The invention relates to an alkali-free glass which comprises SiO₂ in an amount of from 40 to 70% by weight; Al₂O₃ in an amount of from 6 to 25% by weight; B₂O₃ in an amount of from 5 to 20% by weight; MgO in an amount of from 0 to 10% by weight; CaO in an amount of from 0 to 15% by weight; BaO in an amount of from 0 to 30% by weight; SrO in an amount of from 0 to 10% by weight; ZnO in an amount of from 0 to 10% by weight, each based on the total amount of said glass, and helium and/or neon in an amount of from 0.000:1 to 2 µl/g (0°C, 1 atm.).